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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/789,996	03/02/2004	Akihiro Kimura	03560.003032.1	9681
5514	7590	11/17/2004	EXAMINER	
FITZPATRICK CELLA HARPER & SCINTO			PATEL, PARESH H	
30 ROCKEFELLER PLAZA			ART UNIT	
NEW YORK, NY 10112			PAPER NUMBER	
			2829	

DATE MAILED: 11/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/789,996

Applicant(s)

KIMURA ET AL.

Examiner

Paresh Patel

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 September 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 13-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 13-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☒ Certified copies of the priority documents have been received in Application No. 10/143783.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Response to Arguments

Applicant's arguments, see page 4-5 of remarks, filed 09/21/2004, with respect to Claim 1 have been fully considered and are persuasive. The rejection of canceled Claim 1 has been withdrawn.

Specification

The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

The following title is suggested: --Method of manufacturing a probe for testing a display device--.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 13-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Henley (US 5543729).

Regarding claim 13, Henley in fig. 1-3 discloses a method of manufacturing a substrate having a plurality of wirings, the method comprising the steps of:

forming a plurality of wirings [3, 4] on a substrate [2 of 1];

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preparing a probe [20] comprising a conductive sheet [22] and an elastic member [21] for pressing the conductive sheet against the plurality of wirings [3 and 4, lines 35-50 of column 4];

pressing the probe [lines 54-65 of column 4] against the plurality of wirings so that the plurality of wirings electrically connect to each other in common through the conductive sheet; and

supplying an electric potential [lines 64-67 of column 3] to the plurality of wirings through the probe.

Regarding claim 14, Henley discloses the conductive sheet comprises a conductive mesh sheet [lines 12-13 of column 5].

Regarding claim 15, Henley discloses the conductive mesh sheet comprises a plurality of linear members woven together [lines 10-16 of column 5].

Regarding claim 16, Henley discloses the step of forming a plurality of electron-emitting devices [5 of fig. 5] electrically connected to the plurality of wirings.

Regarding claim 17, Henley discloses a method of manufacturing a display device including a substrate having a plurality of wirings, the method comprising the steps of:

forming a plurality of wirings [3, 4] on a substrate [2 of 1];

preparing a probe [20] comprising a conductive sheet [22] and an elastic member [21] for pressing the conductive sheet against the plurality of wirings;

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pressing the probe against the plurality of wirings so that the plurality of wirings electrically connect to each other in common by the conductive sheet [lines 35-67 of column 4]; and

supplying an electric potential to the plurality of wirings through the probe [lines 64-67 of column 3].

Regarding claim 18, Henley discloses said conductive sheet comprises a conductive mesh sheet [lines 12-13 of column 5].

Regarding claim 19, Henley discloses said conductive mesh sheet is composed of a woven plurality of linear members [lines 10-15 of column 5].

Regarding claim 20, Henley discloses said display device further including a plurality of electron-emitting regions [between 5's, and between 5 and 10, see fig. 4] formed by said electric potential supplying [using 11] step.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paresh Patel whose telephone number is 571-272-1968. The examiner can normally be reached on 8:00 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Tokar can be reached on 571-272-1812. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Paresh Patel
November 03, 2004